

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 4 | ("6345182" "7058165").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 13:24 |
| S1 | 55 | ((TUIJA) near2 (HURTTA)).INV. | US-PGPUB; USPAT | OR | ON | 2006/11/20 11:33 |
| S3 | 16 | S1 AND charging.clm. | US-PGPUB; USPAT | OR | ON | 2006/11/17 10:03 |
| S4 | 71 | H04M011/00.ipc. AND charging AND SGSN | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/11/17 15:17 |
| S5 | 123 | H04M011/00.ipc. AND charging AND layer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/11/17 15:27 |
| S6 | 34 | H04M011/00.ipc. AND charging AND ims | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/11/17 15:30 |
| S7 | 318 | "Call Session Control Function" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/20 15:10 |
| S8 | 220 | S7 AND IMS | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 12:42 |
| S9 | 95 | S7 AND IMS AND (charg\$3 bill\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 13:10 |

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| S10 | 36 | "bearer layer" AND (charg\$3 bill\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 13:09 |
| S11 | 154 | "bearer layer" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 13:09 |
| S12 | 48 | "bearer layer" AND telecommunication | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 13:09 |
| S13 | 138 | S7 AND (charg\$3 bill\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:05 |
| S14 | 11 | 379/114.03.ccls. AND layer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/21 14:00 |
| S15 | 429 | "application layer" same (charg\$3 bill\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:15 |
| S16 | 27823 | (control\$3 charg\$3) near function AND node | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:18 |
| S17 | 11459 | (control\$3 charg\$3) near function AND node AND layer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:19 |

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| S18 | 2229 | (control\$3 charg\$3) near function AND node AND (application near3 layer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:23 |
| S19 | 1036 | (control\$3 charg\$3) near function AND node AND (application near3 layer) AND (charg\$3 bill\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:25 |
| S20 | 569 | S19 AND ("370" "379" "455" "705"). clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:32 |
| S21 | 1764 | ((control\$3 charg\$3) near function) same (bill\$3 charg\$3)) AND ("370" "379" "455" "705").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:33 |
| S22 | 504 | ((control\$3 charg\$3) near function) same (bill\$3 charg\$3)) AND ("370" "379" "455" "705").clas. AND layer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/20 14:34 |
| S23 | 390 | ("Call Session Control Function" cscf) and (charg\$3 bill\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/20 15:35 |
| S24 | 226 | cdr AND ((charg\$3 bill\$3) near (function node)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/21 10:39 |
| S25 | 125 | cdr AND ((charg\$3 bill\$3) near (function node)) AND layer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/21 10:39 |

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| S31 | 21 | cdr AND cscf AND layer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/21 15:40 |
| S32 | 33 | cdr AND cscf AND bearer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/21 15:40 |
| S33 | 5 | bearer AND application AND CSCF AND cdr AND correlat\$3 AND gprs | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 10:17 |
| S37 | 566 | (charg\$3 bill\$3) same sgsn | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 11:18 |
| S38 | 33 | (charg\$3 bill\$3) same sgsn same layer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 13:00 |
| S39 | 21271 | (charg\$3 bill\$3) near5 (layer network level system) near5 (instruct\$3 information data) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 13:11 |
| S40 | 688 | (charg\$3 bill\$3) near5 (layer network level system) near5 (instruct\$3 information data) AND gprs | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 13:11 |
| S41 | 63 | (charg\$3 bill\$3) near5 (layer network level system) near5 (instruct\$3 information data) AND gprs AND cscf | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 14:14 |
| S43 | 2 | "20030076940" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/22 14:05 |

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| S45 | 79 | (charg\$3 bill\$3) near5 (layer network level system) near5 (instruct\$3 information data) AND cscf | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 14:14 |
| S46 | 46 | (charg\$3 bill\$3) near5 (control funcation) same (layer network level system) same (instruct\$3 information data) AND cscf | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 15:20 |
| S47 | 69 | cscf AND ggsn AND ggsn AND nokia.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 14:35 |
| S48 | 177 | cscf AND ggsn AND ggsn AND (charg\$3 bill\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 14:56 |
| S49 | 1 | "20060258408" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 14:56 |
| S50 | 2 | "20060073788" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 14:56 |
| S51 | 496724 | (charg\$3 bill\$3) WITH (layer network level system) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 15:21 |
| S52 | 2680 | (charg\$3 bill\$3) WITH (layer network level system) AND gprs | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 15:23 |
| S53 | 402 | (charg\$3 bill\$3) WITH (layer network level system) AND gprs AND correlat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 15:24 |
| S54 | 733 | (charg\$3 bill\$3) WITH (layer network level system) same (correlat\$3 correspond\$3 associat\$3) AND gprs | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 15:26 |

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| S56 | 56 | (charg\$3 bill\$3) WITH (layer network level system) same (correlat\$3 correspond\$3 associat\$3) AND gprs AND cscf | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/22 15:37 |
| S57 | 0 | "01402986.2" | EPO | OR | ON | 2006/11/22 15:37 |
| S59 | 1 | "1402986" | EPO | OR | ON | 2006/11/22 15:37 |
| S60 | 7483 | correlat\$3 with (charg\$3 bill\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 08:16 |
| S61 | 109 | correlat\$3 with (charg\$3 bill\$3) AND (gprs umts) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 13:29 |
| S62 | 32 | Schweitzer-Limor.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 13:27 |
| S63 | 350 | (correlat\$3 coordinat\$3 associat\$3) with (charg\$3 bill\$3) same (only with transmit\$4 send\$3 signal\$3) AND (gprs umts) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 14:06 |
| S64 | 15 | (transmit\$4 send\$3 signal\$3) with cdr with function AND (gprs umts) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 14:17 |
| S65 | 40 | (transmit\$4 send\$3 signal\$3) with (cdr (charging near (information data)))with function AND (gprs umts) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 14:21 |
| S66 | 49 | (transmit\$4 send\$3 signal\$3 messag\$3) with (cdr (charging near (information data)))with function AND (gprs umts) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 14:23 |

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| S67 | 51 | (transmit\$4 send\$3 signal\$3 messag\$3) with ("call detail records" cdr (charging near (information data)))with function AND (gprs umts) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 14:43 |
| S68 | 1 | 2001wo-fi00511.ap,prai. | DERWENT | OR | ON | 2006/11/27 15:39 |
| S69 | 515 | 455/405.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/11/27 15:40 |
| S70 | 86 | 455/405.ccls. AND gprs | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/11/27 15:41 |
| S71 | 339 | cscf AND GGSN | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/11/27 15:42 |
| S72 | 84 | cscf AND GGSN AND (charg\$3 and bill\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2006/11/27 15:42 |
| S73 | 130 | "charging functions" AND gprs | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 16:54 |
| S74 | 152 | avoid with ((redundant double twice) with (bill\$3 charg\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 16:55 |
| S75 | 41 | avoid with ((redundant double twice) with (bill\$3 charg\$3)) AND (telecommunication network mobile) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/27 16:56 |

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| S76 | 61438 | (wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 11:34 |
| S77 | 3794 | (wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND gprs | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/28 07:39 |
| S80 | 1284 | (wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND gprs AND (455/405-409.ccls ("370" "379" "705").clas.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 10:02 |
| S81 | 87 | (wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND gprs AND (455/405-409.ccls ("370" "379" "705").clas.) AND (charg\$3 bill\$3 pric\$3 subscription).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/28 07:51 |
| S82 | 2 | "6307924".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/28 13:44 |
| S83 | 2 | "7035619".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/28 13:44 |
| S84 | 15 | (wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND gprs AND (455/405-409.ccls ("370" "379" "705").clas.) AND "online charging" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 11:41 |
| S85 | 166 | "online charging" "online billing" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 15:26 |

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| S86 | 91 | "online charging" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 15:46 |
| S87 | 19 | "online charging" same prepaid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/29 15:46 |
| S88 | 0 | (wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND gprs AND 455/405-409.ccls | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 10:02 |
| S89 | 852 | (wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND gprs AND "370".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 10:06 |
| S90 | 493 | (wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (bill\$3) AND gprs AND "370". clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 10:09 |
| S91 | 68 | (wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (bill\$3) AND gprs AND "370". clas. AND (ignor\$3 disregard\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 13:37 |
| S92 | 18 | "online charging" and ("predetermined time" wait\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 11:23 |
| S93 | 32303 | (wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND predetermined | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 11:34 |

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| S94 | 7733 | (wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (charg\$3 bill\$3) AND "predetermined time" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 11:35 |
| S95 | 4299 | (wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (bill\$3) AND "predetermined time" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 11:35 |
| S96 | 1204 | (wireless cellular) AND (IP internet voip multimedia (voice near data)) AND (bill\$3) AND "predetermined time" AND ("370" "379" "455").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 12:08 |
| S97 | 5 | (wireless cellular) AND (IP internet voip multimedia (voice near data)) AND ((charg\$3 bill\$3) near "predetermined time") AND ("370" "379" "455").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 12:11 |
| S98 | 6859 | gprs AND (wait\$3 "predetermined time" duration) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 13:38 |
| S99 | 1429 | gprs AND (wait\$3 "predetermined time" duration) AND bill\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/11/30 13:50 |
| S10 0 | 40 | multimedia and 379/114.2.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/12 10:09 |
| S10 1 | 50 | multimedia and (379/114.2 379/121.01 379/114.28).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/12 10:14 |

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| S10 2 | 259 | H04M015/00.ipc. AND multimedia | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/12 10:15 |
| S10 3 | 198 | H04M015/00.ipc. AND multimedia AND (bill\$3 charg\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/12 10:15 |
| S10 4 | 141 | H04M015/00.ipc. AND multimedia AND (bill\$3 charg\$3) AND (layers networks systems) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 13:12 |
| S10 5 | 1990 | H04M015/00.ipc. AND (charging billing) near (message information signal data) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 14:38 |
| S10 6 | 411 | H04M015/00.ipc. AND (charging billing) near (message information signal data) with (transmit transmitted send sent) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 13:23 |
| S10 7 | 19 | H04M015/00.ipc. AND (charging billing) near (message information signal data) with (transmit transmitted send sent) AND gprs | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 13:16 |
| S10 8 | 2 | "6760417".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 13:16 |
| S10 9 | 2 | H04M015/00.ipc. AND (charging billing) near (message information signal data) with (transmit transmitted send sent) AND ignore | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 13:25 |

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| S11 0 | 10 | H04M015/00.ipc. AND (charging billing) near (message information signal data) AND ignore | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 14:06 |
| S11 1 | 11 | H04M015/00.ipc. AND (charging billing) near (message information signal data) AND (ignore disregard neglect) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 14:07 |
| S11 2 | 1 | H04M015/00.ipc. AND (charging billing) near (message information signal data) AND (ignore disregard neglect) not S110 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 14:08 |
| S11 3 | 5 | H04M015/00.ipc. AND ((charging billing) near (message information signal data) cdr) AND (ignore disregard neglect) not S110 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 14:25 |
| S11 4 | 50 | H04M015/00.ipc. and (ignore disregard neglect) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 14:31 |
| S11 5 | 18 | (ignore disregard neglect) with (cdr (charg\$3 bill\$3) near3 (data signal information message)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 14:35 |
| S11 6 | 18 | (ignore disregard neglect) with (cdr (charg\$3 bill\$3) near3 (data signal information message)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 14:35 |
| S11 7 | 2778 | (H04M015/00 H04M011/00).ipc. AND (charging billing) near (message information signal data) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 14:40 |

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| S11 8 | 46 | (H04M015/00 H04M011/00).ipc. AND (charging billing) near (message information signal data) AND ignore | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 15:34 |
| S11 9 | 321 | (charging near data).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 15:35 |
| S12 0 | 1 | ((charging near data) and ignore). clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 15:35 |
| S12 1 | 1 | ((charging near data) and (neglect disregard ignore)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/12/13 15:35 |
| S12 2 | 13 | (455/405-408 379/114.2 379/121. 01 379/114.28).ccls. AND (join\$1 combine\$1 correlat\$2) near function | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 08:50 |
| S12 3 | 13 | (455/405-408 379/114.2 379/121. 01 379/114.28).ccls. AND (join\$1 combine\$1 correlat\$2 merge\$1) near function | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 08:44 |
| S12 4 | 27 | (455/405-408 379/114.2 379/121. 01 379/114.28).ccls. AND (join\$3 combin\$3 correlat\$3 merge\$3 synchroniz\$5) near function | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 08:48 |
| S12 5 | 14 | S124 not S123 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 08:45 |

EAST Search History

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|----------|------|---|---|----|----|------------------|
| S12 6 | 30 | (455/405-408 379/114.2 379/121.01 379/114.28).ccls. AND (join\$3 combin\$3 correlat\$3 merge\$3 synchroniz\$5 organiz\$5) near function | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 08:58 |
| S12 7 | 16 | S126 not S125 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 08:49 |
| S12 8 | 3122 | gprs AND (charging billing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 08:49 |
| S12 9 | 2682 | gprs AND (charging billing) AND function | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 08:49 |
| S13 0 | 173 | (455/405-408 379/114.2 379/121.01 379/114.28).ccls. AND S129 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 08:51 |
| S13 1 | 1 | correlate near billing near function | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 09:11 |
| S13 2 | 23 | (join\$3 combin\$3 correlat\$3 merge\$3 synchroniz\$5 organiz\$5) near function near (billing charging payment) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 08:59 |
| S13 3 | 1 | correlat\$3 near billing near function | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 09:11 |

EAST Search History

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|----------|---|--|---|----|----|------------------|
| S13 4 | 1 | correlat\$3 near charging near function | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/12/21 09:12 |
|----------|---|--|---|----|----|------------------|